

All Other Metal Ore Mining: 2002

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2002 Economic Census

Mining

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and 1997

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry and year | Com- panies ¹ | All estab- lish- ments ² | All employees | | Production, development, and exploration workers | | | Value added (\$1,000) | Total cost of supplies (\$1,000) | Total value of shipments and receipts for services (\$1,000) | Capital expendi- tures (\$1,000) |
|---|-----------------------------|--|--|--------------------------------|---|----------------------------|------------------------------|--------------------------|--|--|---|
| | | | For pay period including March 12 | Annual payroll (\$1,000) | For pay period including March 12 | Annual hours (1,000) | Annual wages (\$1,000) | | | | |
| 212299, All other metal ore mining 2002.. 1997.. | 37 35 | 39 36 | 2 932 2 688 | 163 681 122 628 | 2 559 2 157 | 4 886 4 950 | 137 240 89 539 | 522 084 390 035 | 185 337 225 521 | 592 639 540 853 | 103 734 74 703 |

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. **Industry Statistics for Selected States and Offshore Areas: 2002**

[Not applicable to this report]

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Item | Value |
|---|---------------------|
| 212299, All other metal ore mining | |
| Companies ¹ | number.. 37 |
| All establishments ² | number.. 39 |
| Establishments with 0 to 19 employees | number.. 29 |
| Establishments with 20 to 99 employees | number.. 4 |
| Establishments with 100 employees or more | number.. 6 |
| All employees for pay period including March 12 | number.. 2 932 |
| Total compensation | \$1,000.. 189 651 |
| Annual payroll | \$1,000.. 163 681 |
| Annual fringe benefits not included in payroll | \$1,000.. 25 970 |
| Production, development, and exploration workers for pay period including March 12 | number.. 2 559 |
| Production, development, and exploration worker annual hours | 1,000.. 4 886 |
| Production, development, and exploration worker annual wages | \$1,000.. 137 240 |
| Total cost of supplies | \$1,000.. 185 337 |
| Supplies used, minerals received, and purchased machinery installed | \$1,000.. 125 635 |
| Resales | \$1,000.. D |
| Purchased fuels consumed | \$1,000.. 8 665 |
| Purchased electricity | \$1,000.. 31 196 |
| Contract work | \$1,000.. D |
| Quantity of electricity purchased | 1,000 kWh.. 805 199 |
| Quantity of electricity generated less sold | 1,000 kWh.. - |
| Total other expenses | \$1,000.. 20 794 |
| Response coverage ratio ³ | percent.. 94 |
| Communications services | \$1,000.. 1 006 |
| Legal services | \$1,000.. 3 684 |
| Accounting, auditing, and bookkeeping services | \$1,000.. 632 |
| Advertising and promotional services | \$1,000.. 229 |
| All other expenses (not included above) | \$1,000.. 15 243 |
| Total value of shipments and receipts for services | \$1,000.. 592 639 |
| Primary products value of shipments | \$1,000.. D |
| Secondary products value of shipments and receipts for services | \$1,000.. D |
| Value of resales | \$1,000.. D |
| Value of primary products shipments or services produced in all industries | \$1,000.. 713 757 |
| Value of primary products shipments or services produced in this industry | \$1,000.. D |
| Value of primary products shipments or services produced in other industries | \$1,000.. D |
| Value added | \$1,000.. 522 084 |
| Total inventories, end of 2001 | \$1,000.. 123 943 |
| Mineral products, crude petroleum, and natural gas liquids inventories | \$1,000.. 85 183 |
| Supplies, parts, fuels, etc., inventories | \$1,000.. 38 760 |
| Total inventories, end of 2002 | \$1,000.. 106 290 |
| Mineral products, crude petroleum, and natural gas liquids inventories | \$1,000.. 68 697 |
| Supplies, parts, fuels, etc., inventories | \$1,000.. 37 593 |
| Gross book value of depreciable/depletable assets at beginning of year | \$1,000.. 1 591 740 |
| Capital expenditures (except land and mineral rights) | \$1,000.. 103 734 |
| Capital expenditures for buildings, structures, machinery, and equipment (new and used) | \$1,000.. D |
| Capital expenditures for mineral exploration and development | \$1,000.. D |
| Capital expenditures for mineral land and rights | \$1,000.. 15 712 |
| Deductions from depreciable/depletable assets during year | \$1,000.. 10 137 |
| Gross book value of depreciable/depletable assets at end of year | \$1,000.. 1 701 049 |
| Total depreciation/depletion charges during year | \$1,000.. 77 688 |
| Total rental payments during year | \$1,000.. 9 396 |
| Buildings and other structures | \$1,000.. 330 |
| Machinery and equipment | \$1,000.. 9 066 |
| Lease rents | \$1,000.. - |
| Expensed mineral exploration, development, land, and rights | \$1,000.. D |

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³A response coverage ratio is derived for this item by calculating the ratio of the employment for those establishments that reported this item to the total employment for all establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Employment size class | E ¹ | All establishments ² | All employees | | Production, development, and exploration workers | | | Value added (\$1,000) | Total cost of supplies (\$1,000) | Total value of shipments and receipts for services (\$1,000) | Capital expenditures (\$1,000) |
|---|----------------|---------------------------------|-----------------------------------|--------------------------|--|----------------------|------------------------|-----------------------|----------------------------------|--|--------------------------------|
| | | | For pay period including March 12 | Annual payroll (\$1,000) | For pay period including March 12 | Annual hours (1,000) | Annual wages (\$1,000) | | | | |
| 212299, All other metal ore mining | | | | | | | | | | | |
| All establishments | — | 39 | 2 932 | 163 681 | 2 559 | 4 886 | 137 240 | 522 084 | 185 337 | 592 639 | 103 734 |
| Establishments with— | | | | | | | | | | | |
| 0 to 4 employees | 9 | 23 | 47 | 1 906 | 37 | 73 | 1 376 | 9 740 | 2 287 | 5 971 | 578 |
| 5 to 9 employees | 9 | 6 | 38 | 1 734 | 29 | 67 | 1 207 | 9 916 | 2 461 | 6 215 | 596 |
| 10 to 19 employees | — | — | — | — | — | — | — | — | — | — | — |
| 20 to 49 employees | — | 1 | b | D | D | D | D | D | D | D | D |
| 50 to 99 employees | 4 | 3 | c | D | D | D | D | D | D | D | D |
| 100 to 249 employees | — | 4 | 596 | 32 127 | 471 | 945 | 24 035 | 109 126 | 60 542 | 158 036 | 11 632 |
| 250 to 499 employees | — | 1 | e | D | D | D | D | D | D | D | D |
| 500 to 999 employees | — | — | — | — | — | — | — | — | — | — | — |
| 1,000 to 2,499 employees | — | 1 | g | D | D | D | D | D | D | D | D |
| 2,500 employees or more | — | — | — | — | — | — | — | — | — | — | — |
| Administrative records ³ | 9 | 27 | 76 | 3 144 | 58 | 124 | 2 172 | 17 881 | 4 352 | 11 186 | 1 075 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Type of Operation: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry and type of operation | All establishments ¹ | | All employees | | Production, development, and exploration workers | | | Value added (\$1,000) | Total value of shipments and receipts for services (\$1,000) |
|---|---------------------------------|---------------------------|-----------------------------------|--------------------------|--|----------------------|------------------------|-----------------------|--|
| | Total | With 20 employees or more | For pay period including March 12 | Annual payroll (\$1,000) | For pay period including March 12 | Annual hours (1,000) | Annual wages (\$1,000) | | |
| 212299, All other metal ore mining | | | | | | | | | |
| All establishments | 39 | 10 | 2 932 | 163 681 | 2 559 | 4 886 | 137 240 | 522 084 | 592 639 |
| Producing establishments | 39 | 10 | 2 932 | 163 681 | 2 559 | 4 886 | 137 240 | 522 084 | 592 639 |
| Mines or wells only | — | — | — | — | — | — | — | — | — |
| Underground mines | — | — | — | — | — | — | — | — | — |
| Open-pit mines | — | — | — | — | — | — | — | — | — |
| Combination mines, well operations, or other types of mines | — | — | — | — | — | — | — | — | — |
| Mines with preparation plants | 7 | 7 | g | D | D | D | D | D | D |
| Underground mines | 2 | 2 | g | D | D | D | D | D | D |
| Open-pit mines | 5 | 5 | 592 | 33 062 | 458 | 907 | 22 635 | 140 656 | 172 045 |
| Combination mines or other types of mines | — | — | — | — | — | — | — | — | — |
| Separately operated preparation plants | 1 | 1 | b | D | D | D | D | D | D |
| Undistributed ² | 31 | 2 | 522 | 27 361 | 405 | 697 | 19 359 | 99 126 | 124 813 |
| Nonproducing establishments | — | — | — | — | — | — | — | — | — |

¹Includes establishments with payroll at any time during the year.

²Includes data for establishments that were not possible to classify based on information available.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products or Services Statistics: 2002 and 1997

[Includes quantity and value of products or receipts for services of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product or service code | Product or service | Quantity of production for all purposes | Product shipments or receipts for services | |
|-------------------------|--|---|--|--------------------|
| | | | Quantity | Value (\$1,000) |
| 212299 | All other metal ore mining | 2002.. X 1997.. X | X X | 713 757 717 489 |
| 2122991 | Bauxite | 2002.. X 1997.. X | X X | D D |
| 21229911 | Bauxite | 2002.. X 1997.. X | X X | D D |
| 2122991100 | Bauxite..... mil metric tons (dry basis) .. | 2002.. D 1997.. D | D D | D D |
| 2122993 | Ferroalloy ores, except vanadium | 2002.. X 1997.. X | X X | D D |
| 21229931 | Ferroalloy ores, except vanadium | 2002.. X 1997.. X | X X | D D |
| 2122993111 | Crude ferroalloy ores (except vanadium and nickel), including manganese and manganiferous ores, chromium, molybdenum, tungsten, etc. 1,000 metric tons .. | 2002.. D 1997.. D | D D | D D |
| 2122993121 | Molybdenum concentrates | 2002.. 18 547.7 1997.. D | 29.4 52.6 | 226 322 421 340 |
| 2122993131 | Other ferroalloy concentrates (except molybdenum, vanadium, and nickel), including chromium, manganese, tungsten, etc. mil metric tons (dry basis) .. | 2002.. - 1997.. N | - N | - N |
| 2122995 | Miscellaneous metal ores and concentrates, including antimony, beryllium, mercury, rare-earth metals, tin, and titanium | 2002.. X 1997.. X | X X | 456 048 267 569 |
| 21229951 | Miscellaneous metal ores and concentrates, including antimony, beryllium, mercury, rare-earth metals, tin, and titanium | 2002.. X 1997.. X | X X | 456 048 267 569 |
| 2122995100 | Miscellaneous metal ores and concentrates, including antimony, beryllium, mercury, rare-earth metals, tin, and titanium 1,000 metric tons .. | 2002.. 576.2 1997.. S | 1 140.1 S | 456 048 267 569 |
| 212299W | All other metal ore mining, nsk | 2002.. X 1997.. X | X X | 10 972 11 386 |
| 212299WY | All other metal ore mining, nsk | 2002.. X 1997.. X | X X | 10 972 11 386 |
| 212299WYWT | All other metal ore mining, nsk | 2002.. X 1997.. X | X X | 10 972 11 386 |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments or Receipts for Services for Selected States and Offshore Areas: 2002 and 1997**

[Not applicable to this report]

Table 7. Selected Supplies, Minerals Received for Preparation, Purchased Machinery, and Fuels Consumed by Type: 2002 and 1997

[Includes quantity and cost of supplies and fuels consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Supply or fuel code | Supply or fuel consumed | Quantity | Delivered cost (\$1,000) |
|---------------------|--|----------|--------------------------|
| 212299 | All other metal ore mining | | |
| | Supplies consumed by type | | |
| 21220005 | Ores and concentrates, received for treatment mil metric tons (dry basis) 2002.. | .1 | 4 308 |
| | 1997.. | Z | 7 926 |
| 21220007 | Ores and concentrates, mined and treated at the same establishment mil metric tons (dry basis) 2002.. | 11.0 | X |
| | 1997.. | 30.0 | X |
| 33300007 | Purchased machinery installed, including mobile loading, transportation, and other equipment installed at the operation 2002.. | X | 8 259 |
| | 1997.. | X | 33 602 |
| 33300009 | Parts and attachments for mining, mineral preparation, construction, and conveying machinery and equipment 2002.. | X | 40 927 |
| | 1997.. | X | 45 455 |
| 32500073 | Industrial chemicals (chemical reagents, calcium chloride, etc.) excluding explosive materials and blasting accessories 2002.. | X | 13 684 |
| | 1997.. | X | 21 468 |
| 32592005 | Ammonium nitrate 2002.. | X | D |
| | 1997.. | X | 4 062 |
| 32592013 | Explosive materials (excluding ammonium nitrate) and blasting accessories 2002.. | X | D |
| | 1997.. | X | 1 690 |
| 32621001 | Tires and inner tubes 2002.. | X | D |
| | 1997.. | X | 2 796 |
| 33151003 | Iron and steel castings 2002.. | X | D |
| | 1997.. | X | 8 390 |
| 33120059 | Steel shapes and forms (excluding castings and forgings) 2002.. | X | D |
| | 1997.. | X | D |
| 00970098 | All other supplies 2002.. | X | 42 177 |
| | 1997.. | X | 18 139 |
| 00973000 | Undistributed minerals, purchased machinery, parts, attachments, and supplies used 2002.. | X | 3 172 |
| | 1997.. | X | 2 464 |
| | Fuels consumed by type | | |
| 21211003 | Coal (bituminous, subbituminous, lignite, and anthracite) consumed as a fuel 1,000 s tons 2002.. | D | D |
| | 1997.. | — | — |
| 32411017 | Distillate (light) grade numbers 1, 2, 4, and light diesel fuel used as a fuel 1,000 bbl 2002.. | S | 2 366 |
| | 1997.. | 123.0 | 4 081 |
| 32411019 | Residual (heavy) grade numbers 5 and 6 and heavy diesel fuel used as a fuel 1,000 bbl 2002.. | 83.3 | 2 156 |
| | 1997.. | 171.2 | 3 899 |
| 21111015 | Gas (natural, manufactured, and mixed) used as a fuel bil cu ft 2002.. | q.5 | 1 322 |
| | 1997.. | .5 | 1 129 |
| 32411015 | Gasoline used as a fuel mil gal 2002.. | D | D |
| | 1997.. | .4 | 423 |
| 00960018 | Other fuels (liquefied petroleum gas, coke, wood, etc.) 2002.. | X | D |
| | 1997.. | X | 666 |
| 00974000 | Undistributed fuels 2002.. | X | 906 |
| | 1997.. | X | 586 |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.